A is the point of attachment to a polymeric backbone

X is N or C-Z

Y is N or C-H

Z is H or a substituted or unsubstituted alkyl group

Fig. 1

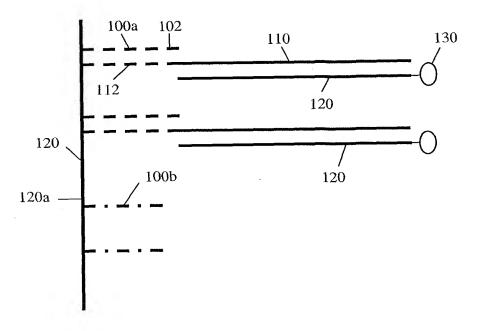
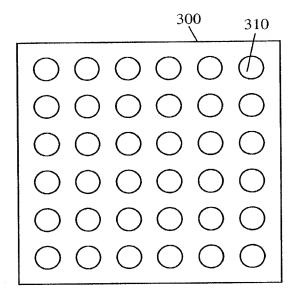
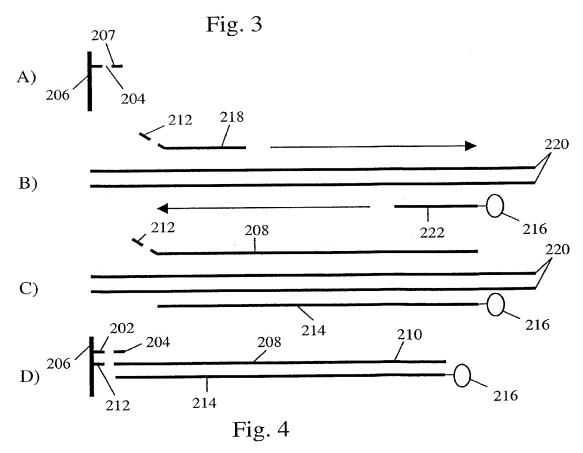


Fig. 2A





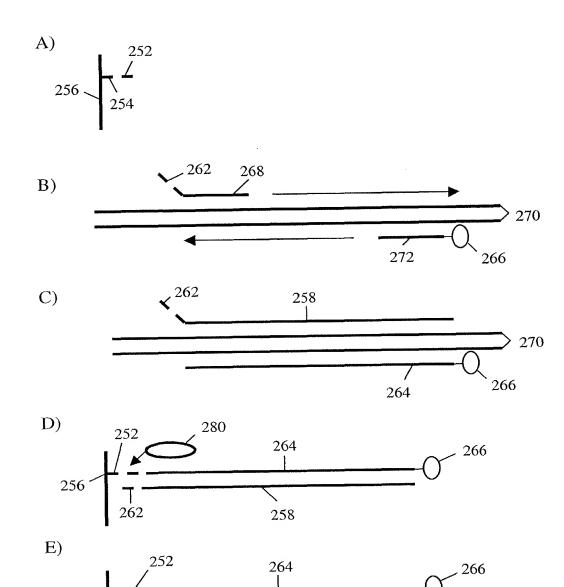
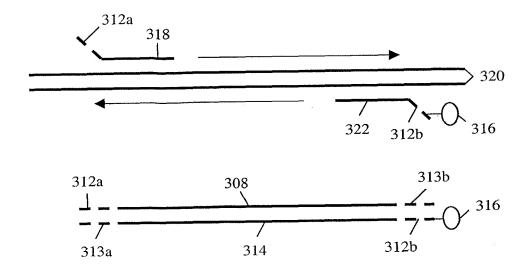


Fig. 5



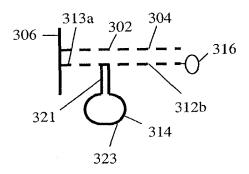
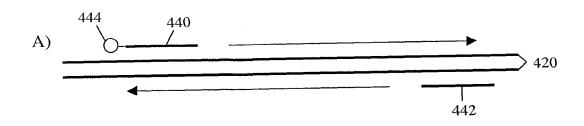
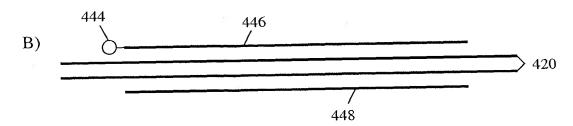
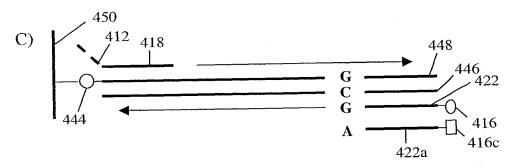
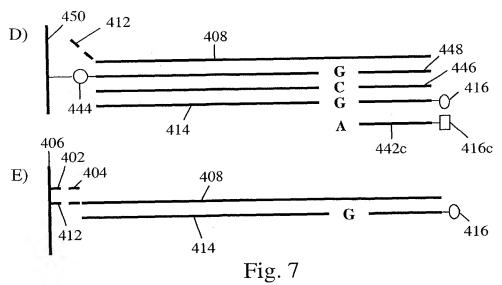


Fig. 6









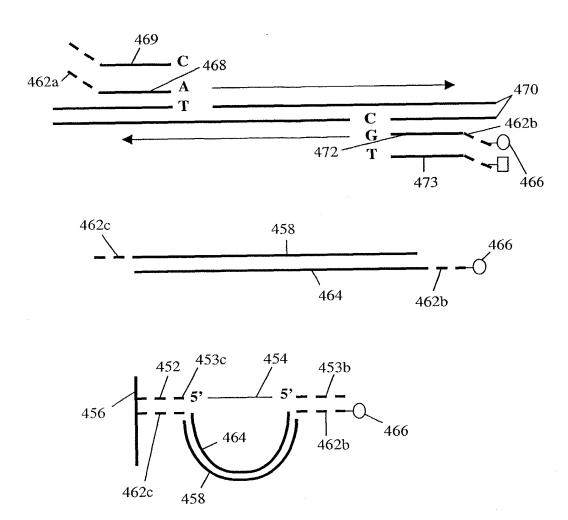
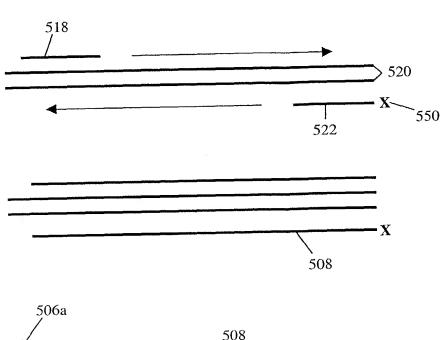


Fig. 8



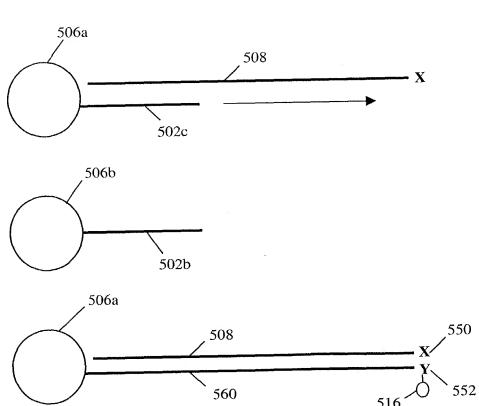


Fig. 9

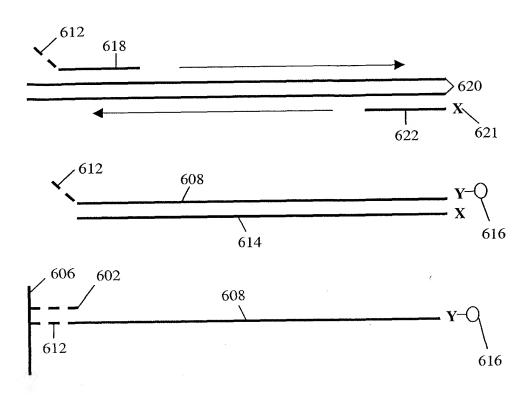


Fig. 10

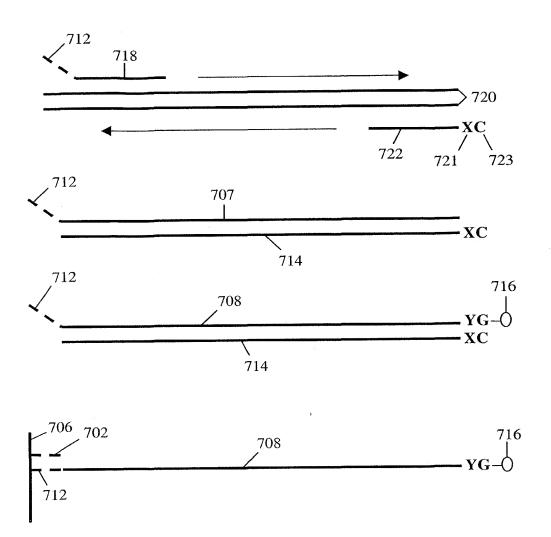


Fig. 11

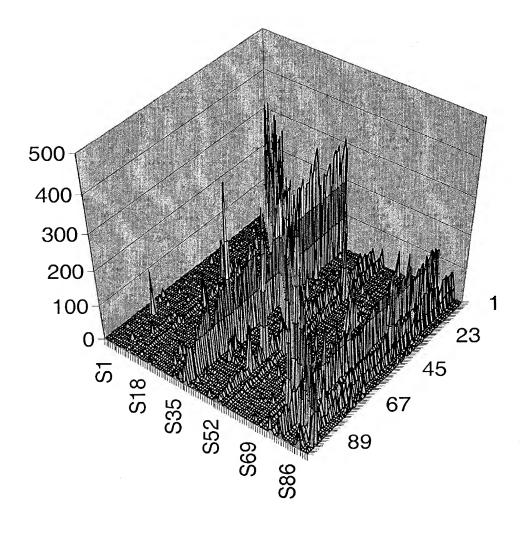


Fig. 12

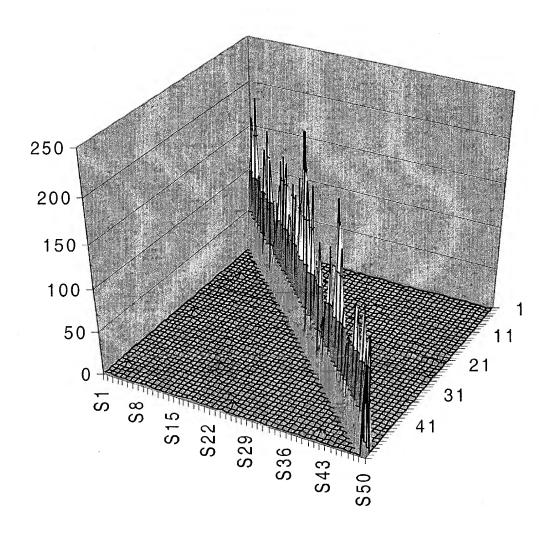
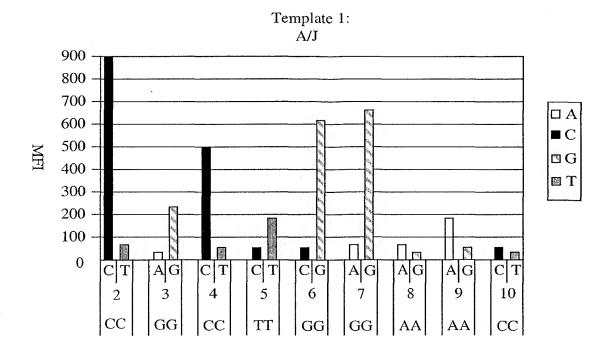


Fig. 13



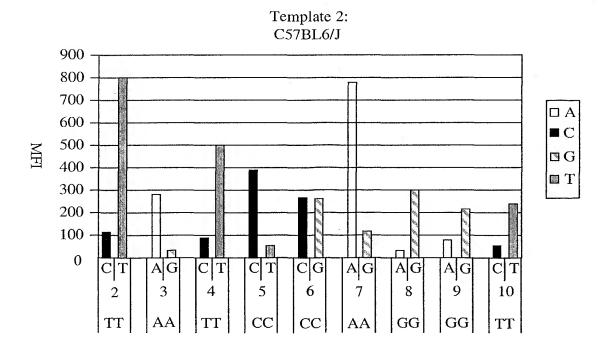
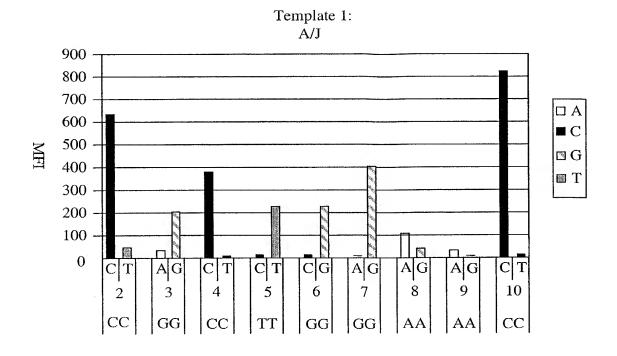


Fig. 14



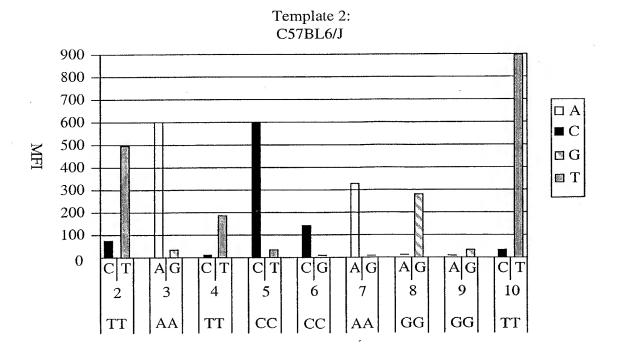


Fig. 15a

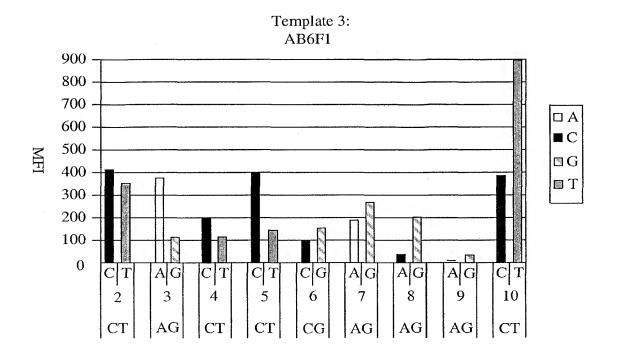


Fig. 15b

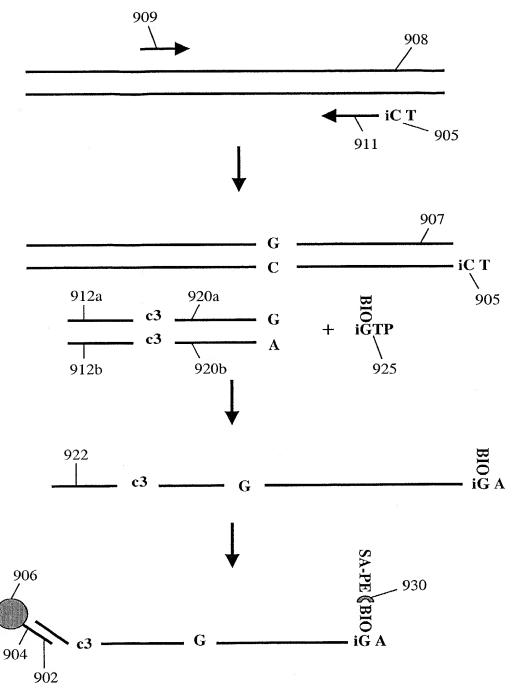


Fig. 16

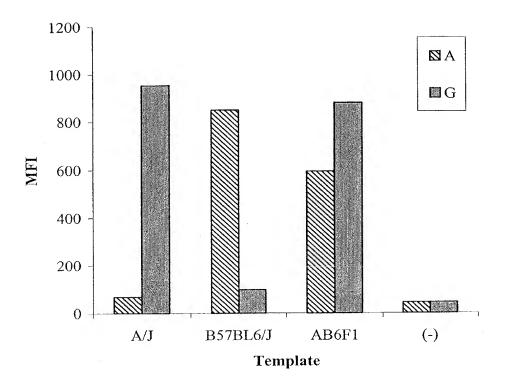


Fig. 17